

CLAIMS

1. A light detecting sensor comprising:
a substrate having electric insulation;
a cathode discharging photoelectrons through the
5 incidence of light;
an anode collecting the photoelectrons discharged
from the cathode and
a casing a having a space storing said substrate,
said cathode and said anode, the space being evacuated,
10 wherein said cathode and said anode are provided
on the same surface of said substrate.
2. The light detecting sensor of claim 1, wherein
said cathode and said anode have a comb-tooth shape so
as to be mutually engaged.
- 15 3. The light detecting sensor of claim 1, wherein
a plurality of anodes are provided.
4. The light detecting sensor of claim 1, wherein
said cathode discharges the photoelectrons through the
incidence of ultraviolet rays.
- 20 5. The light detecting sensor of claim 1, wherein
the width of said cathode is set to be larger than that
of said anode.
6. The light detecting sensor of claim 1, wherein
said cathode contains a plurality of principal cathode
25 parts radially extended, and a diverging cathode part
provided for every principal cathode part so as to

intersect said principal cathode part,

wherein said anode contains a plurality of principal anode parts provided so as to radially extend between said principal cathode parts being adjacent, and a diverging anode part provided for every principal anode part so as to intersect said principal anode part, and

wherein said diverging cathode part and said diverging anode part are provided so as to overlap mutually when viewed in the radial direction.